

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2005/000029

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H01H 71/46, H01H 3/20, H01H 9/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 19860042 A1 (AEG NIEDERSPANNUNGSTECHNIK GMBH & CO. KG), 6 July 2000 (06.07.2000), whole document --	1-6
A	US 20020117387 A1 (ROGER N. CASTONGUAY ET AL), 29 August 2002 (29.08.2002), paragraph (0016), (0022)-(0024) --	1-6
A	US 20020112946 A1 (RANDALL LEE GREENBERG ET AL), 22 August 2002 (22.08.2002), paragraphs (0020)-(0022), (0024) --	1-6
A	DE 4023655 A1 (SPRECHER & SCHUH AG), 19 Sept 1991 (19.09.1991), whole document --	1-6

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

18 May 2005

Date of mailing of the international search report

2.3 -05- 2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5107236 A (DAVID J. LESSLIE ET AL), 21 April 1992 (21.04.1992), column 2, line 47 - column 3, line 35</p> <p>-- -----</p>	1-6

# INTERNATIONAL SEARCH REPORT

Information on patent family members

01/04/2005

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DE	19860042	A1	06/07/2000	AU	2538600	A	31/07/2000
				CN	1291339	A,T	11/04/2001
				EP	1058936	A	13/12/2000
				HU	0101058	A	28/01/2002
				JP	2002533897	T	08/10/2002
				PL	342425	A	04/06/2001
				TW	464892	B	00/00/0000
				WO	0039826	A	06/07/2000
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US	20020117387	A1	29/08/2002	US	6476337	B	05/11/2002
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US	20020112946	A1	22/08/2002	NONE			
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DE	4023655	A1	19/09/1991	CH	679899	A	30/04/1992
				FR	2659791	A,B	20/09/1991
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US	5107236	A	21/04/1992	CA	2042227	A,C	17/01/1992
				US	5075658	A	24/12/1991
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